

REMARKS

Claims 1-5 and 7-15 are pending in this application. By this Amendment, claims 1-4, 11 and 12 are amended and claims 15 and 16 are added. Support for the amended claims can be found, for example, in Fig. 3 and paragraphs [0030] and [0031] of the specification.

Claims 1, 2, 4, 5 and 7-14 are rejected under 35 U.S.C. §103(a) over U.S. Patent Publication No. 2003/0076046A1 to Komiya et al. (hereinafter "Komiya") in view of U.S. Patent No. 6,825,820 B2 to Yamazaki et al. (hereinafter "Yamazaki"). Claim 3 is rejected under 35 U.S.C. §103(a) over U.S. Patent No. 6,633,135 to Nara in view of Yamazaki. These rejections are respectfully traversed.

Claims 1-4, 11 and 12, as amended, now recite that "at least two electric power lines selected from the plurality of electric power lines with different widths" are formed in at least one line forming region of the plurality of line forming regions (emphasis added). Neither Komiya, Yamazaki or Nara individually, or in combination, disclose or suggest this feature.

Furthermore, it is improper for the Office Action to combine Komiya and Yamazaki to disclose the features that "the plurality of electric power lines [have] different widths" and/or that the "sum of the widths of a plurality of lines including at least one electric power line formed in one line forming region is approximately the same as that of a sum of widths of a plurality of lines formed in another line forming region." These features are recited in claims 1 2, 4, 11 and 12.

A. Komiya and Yamazaki do not Disclose the Plurality of Electric Power Lines have Different Widths.

The Office Action asserts Komiya discloses several of the features of claims 1, 2, 4, 11 and 12. However, the Office Action concedes that Komiya does not disclose that the "plurality of electric power lines [have] different widths" as recited in claims 1 2, 4, 11 and 12. The Office Action cures this deficiency by combining Komiya with Yamazaki.

The Office Action asserts that Komiya discloses that the width of the power source line 183 can be changed to prevent lack of display luminance (see [0067]). The Office Action also asserts that Fig. 1B of Yamazaki discloses that the widths of the detour wiring lines (allegedly equivalent to the recited electric power lines) varies based on color. The Office Action appears to be asserting that the detour lines of Yamazaki are equivalent to the data lines 152 in Komiya (for combination purposes). The Office Action cites to paragraph [0067] of Komiya which allegedly discloses that the power line 183 can vary in width. Thus, the Office Action appears to be asserting that when the smaller width detour line from Yamazaki would be combined into the circuit disclosed by Komiya, the power source line would widened accordingly. Therefore, the Office Action asserts that it is proper to combine Komiya with Yamazaki.

However, Yamazaki discloses that the widths of the three detour wiring lines (R, G and B) should satisfy the formula $W_r:W_g:W_b = I_r:I_g:I_b$. See col. 6 lines 7-29. As discussed above the Office Action appears to be asserting the detour lines of Yamazaki correspond to the data lines 152 in Komiya (for combination purposes). Column 6 lines 38-43 of Yamazaki discloses that the power source feed lines, which the Office Action appears to assert are analogous to the power lines 183 of Komiya, should also vary *according to the same formula*. In other words, Yamazaki anticipates that as the detour line widens, the corresponding power source feed line would also widen. As such, it is improper to combine Yamazaki and Komiya to achieve the opposite effect, as asserted by the Office Action.

B. Komiya and Yamazaki do not Disclose that the Sum of the Widths of a Plurality of Lines are the same in Multiple Line Regions.

Regarding claims 2, 4 and 12, the Office Action asserts that Komiya discloses that the width of the power source line 183 and the drain signal line 152 (i.e. the sum of 183 + D) is the same in each line forming region. However, paragraph [0067] of Komiya discloses that

the width of the entire length of every power source line may be altered in the design phase, so as to maximize display luminance. Komiya does not disclose selectively widening some power source lines, but not others. As such, Komiya does not disclose varying the power source line in such a manner as to insure that the sum of the widths of the lines in different line forming regions is the same, as recited in claims 2, 4, and 12.

Accordingly, for at least the reasons presented above, withdrawal of the rejection of claims 1-4, 11, 12, and claims 5, 7-10, 13 and 14 depending therefrom, is respectfully requested. Claims 15 and 16 are also in condition for allowance for their respective dependence on allowable base claims 1 and 11, as well as for the separately patentable subject matter they recite.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:

Request for Continued Examination

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